



Perfect for the company with large amounts of information to be moved quickly, the Xerox 850 Communications Accessory provides the added capability of communications to your 850 Display Typing System.

The Communications Accessory transmits and receives information over telephone or other compatible voice-grade communications networks. And the speed of transmission ranges from 10 to 300 characters per second.

An additional benefit of the 850 Communications Accessory is its unattended call answering and transmission capability. In certain configurations, communications can occur concurrently with printing and editing.

Communications Modes

The accessory features two asynchronous modes. The first offers communications capability between your 850 Display Typing System and other Xerox communicating word processing equipment.

The second asynchronous mode provides communications capability with some other word processors, suitably configured computer systems and the Xerox Visual Type System.

In addition, four synchronous modes offer communication capability between Xerox 850 systems and suitably configured computers, as well as between your 850 system and some other word processors.

The Xerox 850 Communications Accessory can add an entire new dimension to your Xerox 850 system. It's an invaluable tool for gathering or distributing time vital information in the fast paced offices of today, and for developing multifunctional requirements as your office needs grow.

Specifications

850 DTS to other Xerox Word Processors — Asynchronous

Speed: 30 to 120 characters per second (CPS)
Type of Transmission: Asynchronous, half-duplex
Data Set: Bell 103 or equivalent for 30 CPS Bell 202, 212 or equivalent for 120 CPS
Code Set: Xerox Internal code set (ASCII-8)
Protocol: Binary Synchronous Communications (BSC)
Error Detection: Block check, 16-bit cyclic redundancy check (CRC)

850 DTS to Computer — Asynchronous

Speed: 10 to 30 or 120 CPS
Type of Transmission: Asynchronous, half-duplex or echoplex
Data Set: Bell 103 or equivalent for 10 or 30 CPS
Bell 202, 212 or equivalent for 120 CPS
Code Set: ASCII (ANSI 1968)
Parity: Selectable (odd, even, none)
Protocol: None
(Line turnaround control for half-duplex 1200 BPS)
Error Detection: Character check, vertical parity

850 DTS to 850 DTS — Synchronous

Speed: Up to 2400 bits per second (BPS) or 300 CPS
Type of Transmission: Synchronous, half-duplex
Data Set: Bell 201 or equivalent
Code Set: Xerox Internal code set (ASCII-8)

Protocol: Binary Synchronous Communications (BSC)

Error Detection: Block check, 16-bit CRC

850 DTS to Computer — Synchronous

Speed: Up to 2400 BPS or 300 CPS
Type of Transmission: Synchronous, half-duplex
Data Set: Bell 201 or equivalent
Code Set: Xerox Internal code set (ASCII-8), EBCDIC-WP, EBCDIC-DP, ASCII
Protocol: BSC (IBM 2770 as defined by IBM OS/6)
Error Detection: BLOCK CHECK; 16-bit CRC (EBCDIC); LRC, VRC (ASCII)

850 DTS to Computer — Synchronous

Speed: Up to 4800 BPS or 600 CPS
Type of Transmission: Synchronous, half-duplex
Data Set: 201 or equivalent
Code Set: Xerox Internal code set (ASCII-8), EBCDIC-DP
Protocol: BSC (As defined by IBM-2780)
Error Detection: Block check, 16-bit CRC
This mode is available only with the Xerox 850 Page Display System.

850 DTS to Competitive Word Processor — Synchronous

Speed: Up to 2400 BPS or 300 CPS
Type of Transmission: Synchronous, half-duplex
Data Set: Bell 201 or equivalent
Code Set: EBCDIC-WP, EBCDIC-DP, ASCII
Protocol: BSC (IBM 2770 as defined by IBM OS/6)
Error Detection: BLOCK CHECK; 16-bit CRC (EBCDIC); LRC, VRC (ASCII)

Xerox 850 Page Display System

XEROX



Specifications

Display Screen: 66 lines, 102 characters per line displayed black on white background or vice-versa. Has brightness control and can be tilted 25°.

Keyboard: separate unit from display.

Disc Storage Up to 140 pages, or approximately 300,000 characters, per disc

Printer Speed: up to 35 characters per second, bidirectional

Writing Line: 13 inches

Platen: 15 inches

Ribbon Cartridges: Interchangeable film or fabric.

Size & Weight Display Screen: Height 18", Width 14", Depth 15.5", Weight 50 lbs.

Keyboard: Height 4", Width 24", Depth 9", Weight 14 lbs.

Controller: Height 30", Width 20", Depth 28", Weight 275 lbs.

Printer: Height 9.5", Width 24", Depth 17.5", Weight 55 lbs.

Electrical Requirements

Voltage: 105-125 VAC single phase
(two wires plus ground)

Frequency: 59-61 Hz

Current: One Page Display System
(controller, page display, keyboard and printer) can be connected to one 15 amp circuit.

Environmental (Operating) Ambient Temperature: 50°F to 90°F. Relative Humidity: 15% to 85% with maximum wet bulb temperature of 78°F.

Xerox 850 Page Display System

XEROX

Ideal for offices with volume typing and heavy revision requirements, the Xerox 850 Page Display System encompasses the latest advances in word processing equipment. Yet it's designed with people in mind. In fact, it's so simple to operate that anyone who can type can easily learn.

The basic components of the four-part system are the Keyboard, Display Screen, Controller and Printer. This modular design offers you the advantage of arranging the system for maximum office convenience. In addition, a wide range of auxiliary equipment such as Communications, Automatic Paper Feeder and Media accessories allow you to enhance the capabilities of your system to suit the specific requirements of your office.

Display Screen — The principal advantage of the Xerox 850 system is the increased productivity achieved through the added control and confidence gained by operators because of the visual verification of all inputted information and system commands.

An entire page of material is displayed on the screen (at one time) — for correcting, editing, formatting or proofreading before payout. The display screen can show 102 characters in a line, 66 lines of text and truly represents a typed page.

To reduce glare, the non-flicker, easy-reading screen may be tilted 25 degrees forward or backward. Type can be displayed black-on-white or white-on-black. Additionally, a special zoom feature will enlarge the characters to twice the normal height for highly detailed work. For maximum operator convenience, the display screen can be placed at the left, right or directly in front of the keyboard.

Keyboard — The keyboard of the Xerox 850 Page Display System is similar to other electronic keyboards but with some important differences. For example, document access is accomplished quickly and efficiently by keyboarding the title. Or, when a document is selected from the index, it appears on the Display Screen in a fraction of a second ready to revise or be played out.

Printer — The Xerox 850 Page Display System features a high-speed printer that produces high quality copy at the rate of 35 characters per second, from left to right or right to left.

Due to the wide number of available typefaces, variations in emphasis or overall appearance of finished documents are easily and attractively made. The electronically-driven print wheel, which has a single type character on each spoke, provides peak clarity and uniform density. The print wheels are quickly and easily changed and are available in 10-pitch, 12-pitch, and proportional spacing; also available in Greek and mathematical symbols, as well as traditional typefaces.

Document payout can proceed at the same time as keyboarding since the material being input may be stored in the memory for later payout.

Controller — The controller contains the logic and electronics of the 850 system, directing the overall activity of the system. The controller houses two floppy discs for document storage. Xerox floppy discs offer instant random access to the information stored on them so the system can gather and display information drawn from any point on the disc. The two discs can store as many as 600,000 characters, approximately 280 pages of typed material.

Choose Flexibility — Consider all the advantages of the Xerox 850 Page Display System. Your Xerox Office System Representative will help study your office workload and workflow to determine how your needs can best be met. The documents generated on the Xerox 850 Display Typewriter and stored on discs can be easily read into the Xerox 850 Page Display System and revised to offer compatibility between the two systems.

Because the 850 system offers especially-designed 850 accessories and is compatible with Xerox word processing equipment as well, it's a system that can grow and change with your company.

Operations

1. Dual Function Keys — The top row of keys on the 850 keyboard are dual function keys. These allow the operator to perform many functions automatically, such as underscoring, page end, stop and required backspace. Certain functions which speed up operation such as centering and column centering can also be accomplished with dual function keys. This eliminates guesswork and provides a real typing convenience.

2. Symbol Keys — A number of other keys have symbols to indicate their action rather than letters or numbers. These are backspace, carrier return, tab keys that provide first-line or whole-paragraph indentation, plus a half line key for subscript typing, which, when used with the Code Key, allows for superscript typing.

3. Repetitive Keys — Nine repetitive keys include space bar, carrier return, backspace, half line and reverse half line, period, hyphen, underscore and the "x".

4. Special Instruction Keys — Special instruction keys are located to the left and right of the 850 keyboard. These perform specific actions which eliminate extra keystrokes and make the keyboard more efficient to operate.

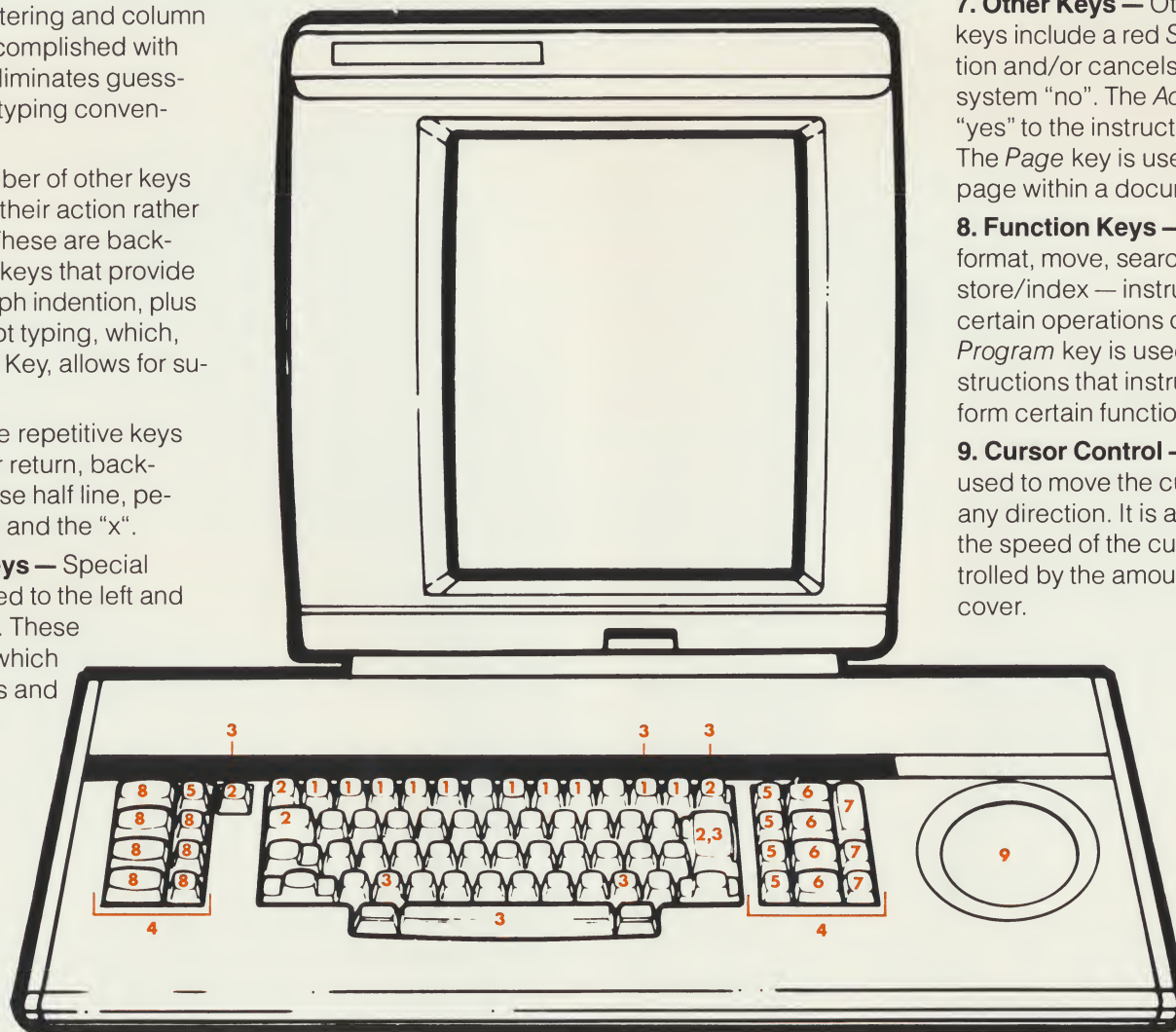
5. Action Keys — Mark, underline, scroll, delete or reverse.

6. Text Keys — Paragraph, line, word, character used with action keys tell the system *how much* to highlight, underline, etc.

7. Other Keys — Other special instruction keys include a red Stop key which stops action and/or cancels instructions, telling the system "no". The Accept key is used to say "yes" to the instruction and begin action. The Page key is used to move from page to page within a document on the screen.

8. Function Keys — Function keys — copy, format, move, search, replace, program and store/index — instruct the 850 to perform certain operations on the document. The Program key is used to recall series of instructions that instruct the system to perform certain functions repeatedly.

9. Cursor Control — A unique pad that is used to move the cursor on the screen in any direction. It is activated by touch, and the speed of the cursor movement is controlled by the amount of area your fingers cover.



Function keys are labeled in simple-to-understand English and are designed to manipulate text easily.